

Recombinant Human TNF19 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51003

Size: 10ug, 100ug

Protein Name: Tumor necrosis factor receptor superfamily member 19 (TRADE) (Toxicity and JNK inducer)

Synonym: TNFRSF19, TAJ, TROY, UNQ1888/PRO4333

UniProt ID: Q9NS68

UniProt Link: www.uniprot.org/uniprotkb/Q9NS68/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 423 AA

Molecular Weight: 46 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MALKVLLLEQEKTFFTLLVLLGYLSCKVTCESGDCRQQEFRDRSGNCVPCNQCGPGMELSKECGFG
YGEDAQCVTCRLHRFKEDWGFQKCKPCLDCAVVNRFQKANC SATSDAICGDCLPGFYRKTKLVGF
QDMECVPCGDPPPPYEPHCASKVNLVKIASTASSPRDTALAAVICSALATVLLALLILCVIYCKRQFME
KKPSWSLRSQDIQYNGSELSCFDRPQLHEYAHRACCQCRD SVQTCGPVRLLPSCMCCEEACSPNP
ATLGCGVHSAASLQARNAGPAGEMVPTFFGSLTQSICGEFSDAWPLMQNPMGGDNISFCDSYPELT
GEDIHSLNPELESSTSLDSNSSQDLVGGAVPVQSHSENFTAATDLSRYNNTLVESASTQDALTMRS
QLDQESGAVIHPATQTSLQVRQRLGSL

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant Tumor necrosis factor receptor superfamily member 19 (TRADE) (Toxicity and JNK inducer) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: Can mediate activation of JNK and NF-kappa-B. May promote caspase-independent cell death.

Subcellular Localization: Membrane ; Single-pass type I membrane protein .

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.